Job:
Notice for International Call to hire a PhD Researcher

Job/Fellowship Reference: UIDP/50006/2020 - #NOVAID112

Main research field: Engineering

Job summary:
By decision of the Board of Directors, NOVA.id.FCT - Associação para a Inovação e Desenvolvimento da FCT ("NOVA.id.FCT") opens an international call to hire a PhD Researcher, with the internal reference "#NOVAID112", under a unfixed term employment contract to conduct research activities in the field of Chemical engineering: heterogeneous catalysis and adsorption in the scope of the Research Unit "Laboratório Associado para a Química Verde – Tecnologias e Processos Limpos (REQUIMTE)", ref.ª "UIDP/50006/2020", financed by national funds through FCT/MCTES (PIDDAC).

Job description:

1. Type of contract and applicable legislation

The hiring of the PhD Researcher shall be made by means of an Unfixed Term Employment Contract entered into in accordance with the Portuguese Labour Code approved by the Law no. 7/2009 of February 12th, as amended. The duration of the contract must not exceed the duration of the Project identified above. The contract should begin in July of 2020.

The conclusion of the contract is dependent on the transfer by the financing entity, of the initial advance financing from the R&D Unit that will welcome the worker.

The present hiring procedure is further governed inter alia by Decree-law no. 57/2016 of July 19th, as amended by Law no. 57/2017 of August 29th and Regulatory Decree no. 11-A/2017 of December 29th.

2. Main attributions and activities and exclusivity

The PhD Researcher shall be responsible for coordinating and carrying out scientific research work in sustainable chemical engineering based on carbon materials for application in catalytic processes and in adsorption processes for water treatment and recovery of critical raw materials, specifically metals.

The PhD Researcher shall fully devote the whole of his/her professional activity to NOVA.id.FCT, on an exclusive basis.

3. Place of work

The PhD Researcher's working place shall be at the premises of the Chemistry Department of the Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa located in Campus de Caparica and he/she shall travel, in Portugal or abroad, as required by his/her attributions or as necessary for his/her activity.

4. Monthly remuneration

The PhD Researcher shall earn a monthly remuneration in the gross amount of € 3,201,40 by reference to the 1st grade of the salary scale of the category of Auxiliary Investigator, pursuant to number 2 of Article 15 of Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August, Regulatory Decree no. 11-A / 2017, of December 29 and Decree-Law no. 10-B/2020 of 20 March.

5. Admission Requirements

Applicants to this call may be national, foreign or stateless candidates holding a PhD degree in the field of Chemical Engineering, legally valid and/or recognized in Portugal and complying with the following specific requirements:

a. A minimum of 10 post-doctoral years of proven experience in the synthesis and characterization of carbon materials and catalysts, and their application in catalytic reactions...
for the synthesis of compounds with high added value, as well as in adsorption processes for water treatment;

b. Proven experience in the application of carbon materials in the areas mentioned in point 2 of this notice;

c. A minimum scientific productivity of 40 articles indexed to the WoS;

6. Evaluation of the Applications and Composition of the Jury

Applications shall be subject to evaluation by a jury that shall follow the procedure established in articles 13 and 14 (by virtue of article 19) of Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August.

Pursuant to Article 13 of Decree-Law no. 57/2016 the jury is composed of the following members:

- Chairwoman: João Paulo Serejo Goulão Crespo
- Member: Susana Filipe Barreiros;
- Member: Isabel Maria Ligeiro da Fonseca;
- Substitute Member: Ana Isabel Nobre Martins Aguiar de Oliveira Ricardo;
- Substitute Member: José Paulo Barbosa Mota.

7. Selection criteria

The selection of the successful candidate will be carried out through the evaluation of the scientific and curricular achievements as established by Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August and the selection criteria and their respective weighting shall be as follows:

a) Scientific Performance (70%);

b) Other relevant activities (20%);

c) Quality of the Interview (10%). The interview will be done only to the candidates with classification higher than 75% in the first two criteria.

8. Final Decision

The final deliberation of the jury shall be homologated by the ultimate governing body of NOVA.id.FCT that is also responsible for the decision of hiring.

The list of admitted and excluded candidates and the final list of classification will be publicised on the website of NOVA.id.FCT (www.novaidfct.pt) and sent by electronic mail with receipt of delivery to all candidates.

9. Submission of Applications

Applications must be submitted between 28/05/2020 to 12/06/2020, by email, addressed to jgc@fct.unl.pt and containing a single PDF file with the following documents in Portuguese or English languages: Doctoral Certificate; short CV (max. five pages) with list of publications and projects appended.

10. Non-discrimination and equal access policy

NOVA.id.FCT actively promotes a non-discrimination and equal access policy, reason for which no candidate can be benefited, prejudiced or deprived of any duty, namely age, sex, disability, sexual orientation, chronic illness, nationality, ethnic origin or race, religion or political beliefs.

Vacant posts: 1

Type of contract: Other

Job country: Portugal

Job city: Caparica

Job company/institute: NOVA.id.FCT - Associação para a Inovação e Desenvolvimento da FCT

Application deadline: 12 Junho 2020
(The Application’s deadline must be confirmed on the Job Description)
### 3. Habilitações académicas
#### 3. Required education Level

**Empty**

### 4. Línguas exigidas
#### 4. Required languages

**Empty**

### 5. Experiência exigida em investigação
#### 5. Required research experience

**Empty**